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CENTRAL INTELLIGENCE AGENCY

REPORT NO.

INFORMATION REPORT

CD NO.

COUNTRY

Austria

DATE DISTR. 17 March 1955

SUBJECT

Soviet Document Pertaining to Fuel Analysis NO. OF PAGES 2

25X1

PLACE
ACQUIRED

NO. OF ENCLS.
(LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO
REPORT NO.

632998

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THIS IS UNEVALUATED INFORMATION

SOURCE

25X1X

The following is a translation of an original document which was found on 2 February 1954 in the Strasshof (F 49/S 50) military post, on the road about 400 meters southwest of the "Camp on the edge of the wood":

25X1B

1

Tank Truck 25
Holding capacity No 9
Analysis of laboratory No 286
of 5 September 1953

25X1

Analysis No 136
of Fuel

Current Nos	Physical and Chemical Characteristics	Results of Measurements	Remarks
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1 Density 0817

2 Fractional composition

A. Temperature at the beginning of the distillation in centigrades 140

b. 10 percent are distilled at 163

c. 50 percent are distilled at 191

d. 90 percent are distilled at 237

e. 98 percent are distilled at 263

f. Residue and loss in percentage	0.2
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3 Kinetic viscosity of residue

a. at 20 centigrades	1.66
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25X1A

Current Nos	Physical and Chemical Characteristics	Results of Measurements	Remarks
	b. at 0 centigrades	-	
	c. at 40 "	-	
	d. at 50 "	-	
4	Acid content in milligrams KOH per 100 milliliters of fuel	0.36	
5	Flashing point (according Martens-Plenski) in centigrades	31	
6	Content of resins in milligrams per 100 milliliters of fuel	0.4	illegible
7	Percentage of sulphur	0.5	
8	Content of water-soluble acids and alkalis	none	
9	Percentage of ashes	0.003	
10	Content of mechanical contamination and water	none	
11	Freezing temperature	-	
12	Temperature at which fuel becomes turbid	-	

Conclusion: The quality of the fuel comes up to requirements of the GOST No 4138-43.

Chief ..

Assistant chemist: signature illegible

2

25X1B

25X1A 1. Comment. probably belongs to an air force ground unit in Deutsch Wagram which has not been identified so far. Deutsch Wagram/Strasshof airfield is believed to be occupied by a Soviet fighter regiment equipped with MiG-15s.

25X1A 2. Comment. The fuel definitely is a mixture of petroleum and probably a small quantity of test gasoline. The presence of a small percentage of agents designed to lower the solidification point is believed probable. It is believed that the analyzed fuel is used for jet engines.

2-02-0404

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